

Table 3.4-9. Two Methods of Textural Analysis of the King Creek Alluvium/Tailings

Sample	Gravel Content (%)	Sand Content (%)	Silt Content (%)	Clay Content (%)	Silt+Clay* Content (%) and Texture
KC-01	28	68	2	2	4
Fine earth fraction	--	94	3	3	Sand
KC-02	27	69	2	2	4
Fine earth fraction	--	94	3	3	Sand
KC-03	27	60	7	6	13
Fine earth fraction	--	82	10	8	Sandy loam - loamy sand
KC-04	26	40	32	2	34
Fine earth fraction	--	54	43	3	Sandy loam
KC-05	24	61	9	6	15
Fine earth fraction	--	80	12	8	Sandy loam

* Something like 15% (silt + clay) in the total volume – not just the fine earth fraction – is a reasonable value to identify minimally acceptable plant growth media. If the material is mixed with soils that have around 20% clay content, even coarse material can be beneficial.